Please type a plus sign (+) inside this box

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond ENT & TR 09/659,194 pplication **TRANSMITTAL** Filing Date September 11, 2000 **FORM First Named** Daniel J. Marchok (to be used for all correspondence after initial filing) Group Art Unit 2663 **Examiner Name**

Total Number of Pages in This Submiss	ion 6	Attorney Docket Number	115	220US03					
ENCLOSURES (check all that apply)									
Fee Transmittal Form Fee Attached Amendment / Response After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request	Drawing(Licensing Petition t Provision Power of Change of Terminal	ent Papers pplication)		After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): post card					
Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks The Comminadditions	Remarks The Commissioner is hereby authorized to charge additional fees and credit any overpayments to Deposit Account No. 13-0017.							
SIGNAT	URE OF APPLICA	NT, ATTORNEY, OR AGE	NT	· · · · · · · · · · · · · · · · · · ·					
Firm Ronald E. Larson, Esq. McAndrews, Held & Malloy, Ltd.									
Signature Ronal	Signature Ronald & Larson								
Date January 8, 2001									

envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: January 8, 200	52230								
	•								
Typed or printed name Ronald E. Larson									
Signature Fonal & Lurson Date January 8, 2001									

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

•	Response To Notice To File Missing Parts Of Application Filing Date Granted (PTO-1533)(Large Entity) Docket No. 11520US03								
In Re	Application Of OPE Co								
_	Serial No. Filing Date 09/659,194 7 & TR September 11, 2000	Examiner		Group Art Unit 2663					
	Invention: Multi-Point OFDM/DMT Digital Communications System Including Remote Service Unit With Improved Transmitter Architecture								
	•								
	TO THE ASSISTANT COI	MMISSIONER FOR PATENTS	<u>S:</u>						
	Box M	issing Parts							
	s a response to the Notice to File Missing Parts of Avember 6, 2000 Date	application - Filing Date Grante	ed (PT)	O-1533) mailed on					
Enclo	sed herewith for filing are the following:								
\boxtimes	A copy of the Notice to File Missing Parts of Applic	ation - Filing Date Granted (P	TO-15	33). (REQUIRED)					
	An oath or declaration in compliance with 37 CF application by the above Application Number and F	-	inform	ation and identifying the					
	A properly signed oath or declaration in compliant Application Number and Filing Date.	ce with 37 CFR 1.63, identifying	ng the	application by the above					
	An oath or declaration in compliance with 37 CF omitted inventor(s), identifying this application by the	——————————————————————————————————————		_ ,					
	A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.								
\boxtimes	Other (list):								
	Fee Transmittal and balance due of \$1,060.00. Return Receipt Postcard								

•	Notice To File Missin ate Granted (PTO-15	~	on	Docket No. 11520US03
In Re Application Of:		OIPE		
Serial No. 09/659,194	Filing Date September 11, 200	od and so the sound of the soun	kaminer	Group Art Unit 2663
Invention: Multi-Poin With Improved Transmi	t OFDM/DMT Digital Co tter Architecture	ommunications System In	cluding Remote Serv	rice Unit
	TO THE ASSISTA	ANT COMMISSIONER F Box Missing Parts	OR PATENTS:	
☑ Completion of ap	plication fees as calculat	ed below:		
. ⊠ Utility applica	ation filing fee			\$ 690.00
☐ Design appli	ication filing fee			
	er of independent claims	=4		78.00
	er of claims = 29			\$162.00
Multiple dep	endent claims			
Surcharge for the state of the stat	or late payment of filing for	ee and/or late filing of or	iginal declaration or	oath \$130.00
☐ Petition and	fee for filing by other tha	n all the inventors or a p	erson not the invent	
☐ Fee for proc	essing an application file	ed with a non-English lan	guage specification	•
☐ Fee for proc	essing and retention of a	application		
	·	Total co	empletion of applicat	ion fees \$1,060.00
above-identified Notice		Application. The reque	sted extension is as	r filing a response to the s follows (check time period
One month	☐ Two months	☐ Three months	☐ Four months	☐ Five months
from:	Date	until:	Date	
			Total time exten	sion fees
			Total	fees due \$1,060.00

[Page 2 of 3]

P31LARGE/REV02

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Response To Notice To File Missing Parts Filing Date Granted (PTO-1533) (Lan		Docket No. 11520US03
In Re Application of D P C C. JAn 0 8 2007		
Serial No. Filing Date 09/659,194 RADIM September 11, 2000	Examiner	Group Art Unit 2663
Invention: Multi-Point OFDM/DMT Digital Communica With Improved Transmitter Architecture	ntions System Including Remo	te Service Unit
	MMISSIONER FOR PATENT ssing Parts	<u>S:</u>
 The fee of \$1,060.00 is to be paid as follows: △ A check in the amount of the fee is enclosed. △ The Commissioner is hereby authorized to charge overpayment, to Deposit Account No. 13-0017. A duplicate copy of this sheet is enclosed. ☐ If an additional extension of time is required, pleas any additional fees which may be required to Deposit A duplicate copy of this sheet is enclosed. 	e consider this a petition ther	
Ronald Lanson Signature	Dated: January 8, 2001	
	on Ja Service under 37 C. Commi	t this document and fee is being deposited invary 8, 2001, with the U.S. Postal as Express Mail No. EM255285223US F.R. 1.8 and is addressed to the Assistant ssioner for Patents, Box Missing Parts, Washington, D.C. 20231.

P31LARGE/REV02

Ronald E. Larson Reg. No. 24,478

Typed or Printed Name of Person Mailing Correspondence

cc:

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE quired to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1060.00

Complete if Known					
Application Number	09/659,194				
Filing Date	September 11, 2000				
First Named Inventor	Daniel J. Marchok				
Examiner Name					
Group Art Unit	2663				
Attornov Docket No	1152011503				

		ME	THO	DD OF PAYN	IENT					FEE	CALCULATION (continued)	
1. The Commissioner is hereby authorized to charge indicated fees and			3. ADDITIONAL FEES									
credit any overpayments to:						Large		Smal				
Deposit				····		–	}	Entity		Entit		
Account				13-0017			Fee	Fee	Fee			Fee
Number	_					_	Code	(\$)	Code	,	Fee Description	Paid
Deposit Account			McAnd	Irews, Held & Mallo	v I tel		105	130	205	65	Surcharge - late filing fee or oath	130.00
Name		· · · · · ·			y, L.a.		127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
I⊠ Ch	harge	Any Ac	dition	al Fee Required Un	der 37 CFR 1	.16 and 1.17						
				Il entity status.			139	130	139	130	Non-English specification	
		CFR 1.					147	2,520	147	2,520	For filing a request for ex parte reexamination	
2. ⊠ Payı	ment	Enclos	ed:				112	920*	112	920*	- '	
⊠ Ch	eck	∐ Cre	dit Ca	rd Money Order	Other		112	320	112	320	Requesting publication of SIR prior to Examiner action	
		F	EE	CALCULATI	ON		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC											•	
Large En	ntity S Fee	imall E Fee	ntity Fee	Fee Description			115	110	215	55	Extension for reply within first month	
Code			(\$)	ree Description		Fee Paid	116	390	216	195	Extension for reply within second month	<u> </u>
	710	201	355	Utility filing Fee		690,00	117	890	217	445	Extension for reply within third month	<u> </u>
	320	206	160	Design filing Fee			118	1,390	218	695	Extension for reply within fourth month	\vdash
						\equiv	128 119	1,890 310	228 219	945 155	Extension for reply within fifth month Notice of Appeal	
107	490	207	245	Plant filing fee			120	310	219	155	Filing a brief in support of an appeal	
108	710	208	355	Reissue filing fee			121	270	221	135	Request for oral hearing	
114	150	214	75	Provisional filing f	ee		138	1,510	138	1510	Petition to institute a public use proceeding	
							140	110	240	55	Petition to revive - unavoidable	
				•	SUBTOTAL	(1) (\$)	141	1,240	241	620	Petition to revive - unintentional	
O EVERA	C1 A11		$\overline{}$			· · · · · · · · · · · · · · · · · · ·	142	1,240	242	620	Utility issue fee (or reissue)	
2. EXTRA	CLAII	vi rees	•				143	440	243	220	Design issue fee	
1				Extra Claims	Fee from below	Fee Paid	144	600	244	300	Plant issue fee	
T-1-1 0/		[56]	20** =		18]=		122	130	122	130	Petitions to the Commissioner	
Total Claim	-	29]-	20*** =	ax	[18] =	162.00	123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Independer Claims	nt	4-2	·^** -	11x	78 =	78.00	126	180	126	180	Submission of Information Disclosure Stmt	
		_	.0 -	L)×		78.00	581	40	581	40	Recording each patent assignment per property	
Multiple De	pena	ent			=		l				(times number of properties)	
Large En	neita e C	Small E	neitr				146	710	246	355		
Large Er Fee F Code (Fee	Fee Code	Fee	Fee Description							Filing a submission after final rejection (37 CFR § 1.129(a))	
			9	Claima in aven	of 20		149	710	249	355	For each additional investigation to be assessed at 107	
	18 80	203 202	9 40	Claims in excess Independent clain		<i>(</i> 2					For each additional invention to be examined (37 CFR 1.129(b))	
				•			179	710	279	355	Request for Continued Examination (RCE)	
	270	204	135	Multiple depender		paid	· 169	900	169	900		
109	80	209	40	**Reissue indeper over original pa							Request for expedited examination of a design application	
110 18 210 9 **Reissue claims in excess of 20			Other	fee (spec	ify)							
				and over origina	•							
					SUBTOTAL	(2) (\$) 239.00	I					
**or numbe	er prev	iously	paid, if	greater; For Reissi	ies, see abov	e	*Redu	ced by B	asic Fil	ing Fee F	Paid SUBTOTAL (3) (5	3)130.00

SUBMITTED BY					Complete (if applicable)
Name (Print/Type)	Ronald E. Larson	Registration No. , (Attorpey/Agent)	24,076	Telephone	312 775-8000
Signature	Ronald (Lars	77	Date	January 8, 2001

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United States Patent and Trademark Office

COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 20231 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
00/650 104	00/11/2000	Daniel I Marchele	1152011502

09/659,194

09/11/2000

Daniel J. Marchok

11520US03

Robert B Polit McAndrews Held & Mallov Ltd 500 W Madison Suite 3400 Chicago, IL 60661





Date Mailed: 11/06/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$240.
 - \$162 for 9 total claims over 20.
 - \$78 for 1 independent claims over 3.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1060.

A copy of this notice <u>MUST</u> be returned with the reply.	130017 0965919	710.00 130.00 GP 162.00 GP 58.00 GP	
Customer Service Center Initial Patent Examination Division (703) 308-1202 PART 2 - COPY TO BE RETURNED WITH RESPONSE	4601TOM 00000089	22.00 CH	
ile://C:\APPS\PreExam\correspondence\2 B.xml	01/12/2001	01 FC:101 02 FC:105 03 FC:103 04 FC:102	11/3/00